




Assessment Summary

Arnolds Creek 0 to 10.8 KY486059_01	 <p>This part of the stream partially supports aquatic life, does not support swimming (Primary Contact Recreation).</p>
Mouth to UT of Arnolds Creek at MP 10.8	
Grant County, Kentucky River Basin	
HUC 05100205	
Assessment Date: 4/1/2014	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods ^{1,2,3}
 (5-NS)	Escherichia coli	Agriculture, Sewage Discharges in Unsewered Areas	Concentrations exceeded the water quality standard	Pathogen Monitoring
 (5-PS)	Sedimentation/Siltation	Non-irrigated Crop Production, Streambank Modifications/destabilization	Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation	Biological Monitoring, Habitat Assessment, Monitoring Data Collected by Other Agencies or Organizations, Qualitative (Evaluated) Assessment

¹ Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

² Data Source(s): KDFWR, KDOW

³ Data Collection Date(s): 5/9/2012 - 10/23/2012

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